

by a plurality of drawers **5**, **5a**, **5b** which can be extended radially against the shaft wall **100**. This makes rapid and easy sealing of the concrete shuttering relative to the shaft wall **100** possible. The drawers **5**, **5a**, **5b** are preferably driven individually by way of drives **6**, **6a**, **6b** and thus moved relative to the supporting ring **3**. In the example of embodiment shown, the drives **6**, **6a**, **6b** are designed as hydraulically-driven cylinder pistons. With this type of drive, the drawers **5**, **5a**, **5b** can be moved against the shaft wall **100** and thus permit rapid and easy sealing relative to the shaft wall **100**. The individual drawers **5**, **5a**, **5b** of the sealing assembly **4** each form partial arc segments of a circular arc which closes off the concrete shuttering relative to the shaft wall **100** from below. Sealing relative to the shaft wall **100** can be obtained by way of the separately extendable partial arc segments of the individual drawers **5**, **5a**, **5b**.

[0029] FIG. 2 shows a perspective view of the device **1** of FIG. 1, a section of which is illustrated. It is apparent from this view that the drawers **5**, **5a**, **5b** are provided with sealing elements **8a**, **8b**, **8c** which effect sealing relative to the shaft wall **100** (FIG. 1). Each drawer **5**, **5a**, **5b** is assigned its own, separate sealing element **8a**, **8b**, **8c**. To this end, the sealing elements **8a**, **8b**, **8c** are arranged on the radially outer faces of the drawers **5**, **5a**, **5b**. Preferably, the sealing elements **8a**, **8b**, **8c** are screwed onto the radially outer faces of the drawers **5**, **5a**, **5b**. By extending the drawers **5**, **5a**, **5b**, the sealing elements **8a**, **8b**, **8c** are pressed against the shaft wall **100** (FIG. 1). In this case, the sealing elements **8a**, **8b**, **8c** are trapped between the drawers **5**, **5a**, **5b** and the shaft wall **100** (FIG. 1) and thus seal the concrete shuttering against the emergence of liquid concrete. With the arrangement of the sealing elements **8a**, **8b**, **8c** on the radially outer faces of the drawers **5**, **5a**, **5b**, they follow the extension movement of the drawers **5**, **5a**, **5b** and adapt to the contour of the shaft wall **100** (FIG. 1). It is further apparent from FIG. 2 that the sealing elements **8a**, **8b**, **8c** arranged on the drawers **5**, **5a**, **5b** are connected together and form a continuous seal ring **8** running around the entire supporting ring **3**. The material of the sealing elements **8a**, **8b**, **8c** is elastic and extensible, so that accurate adaptation to the contour of the shaft wall **100** when the sealing elements are trapped between the shaft wall **100** and the drawers **5**, **5a**, **5b** is made possible. On the drawers **5**, **5a**, **5b** there are furthermore preferably arranged coverings **9**, **9a**, **9b** of plastics material which form the upper side of the drawers **5**, **5a**, **5b**. These coverings **9**, **9a**, **9b** close off the concrete shuttering tightly from below. The use of plastics-material coverings prevents the set concrete from adhering to the retractable and extendable drawers **5**, **5a**, **5b**.

[0030] FIG. 3 shows a sectional view through the device of FIGS. 1 and 2 in the peripheral direction. It can readily be recognized in this illustration how the drawers **5**, **5a**, **5b** extended against the shaft wall **100** press the sealing elements **8**, **8a**, **8b** (FIG. 2) arranged on the radially outer faces of the drawers **5**, **5a**, **5b** against the shaft wall **100**. The sealing elements **8a**, **8b**, **8c** (FIG. 2) trapped between the drawers **5**, **5a**, **5b** and the shaft wall **100** thus ensure reliable and rapid sealing of the concrete shuttering, so that once the drawers **5**, **5a**, **5b** have been extended against the shaft wall **100** the filling of the concrete shuttering with liquid concrete can be begun promptly in order to produce the concrete lining **50** in the portion. The elastically extensible material of the sealing elements **8a**, **8b**, **8c** ensures reliable sealing between the drawers **5**, **5a**, **5b** and the shaft wall **100**. The coverings **9**, **9a**, **9b** preferably arranged on the upper side on

the extendable drawers **5**, **5a**, **5b** represent a closure of the concrete shuttering from below and prevent set concrete from adhering. Thus the drawers **5**, **5a**, **5b**, once the portion of the concrete lining **50** has set, can be retracted and the device **1** can be easily displaced in the shaft **101**.

[0031] An individual drawer **5** of the device **1** (FIG. 1) can be seen from FIG. 4. In this illustration, it can clearly be recognized that the drawer **5** forms a partial arc segment of the arcuate sealing assembly **4** (FIG. 1) on the supporting ring **3** (FIG. 1). This partial arc segment has a sealing element **8a** arranged on the radially outer face of the drawer **5**. This sealing element **8a**, when the drawer **5** is extended by way of the hydraulic drive **6** shown, is pressed against the shaft wall **100** (FIG. 1) and thus seals the concrete shuttering. On the upper side of the drawer **5** there can additionally be recognized the covering **9** formed from plastics material, which prevents adhesions of the setting concrete to the extended drawer **5**. The drawers **5**, **5a**, **5b** of the device **1** are preferably all constructed identically.

[0032] FIG. 5 shows the region of overlap **7** between two drawers **5**, **5a** of the arcuate sealing assembly **4** (FIG. 1) which are arranged next to each other. The regions of overlap **7**, **7a** are formed in each case along the periphery of the sealing assembly **4** (FIG. 2) between two adjacently-arranged drawers **5**, **5a**, **5b**. Due to the overlapping of the drawers **5**, **5a** in the region of overlap **7**, sealing of the concrete shuttering between the drawers **5**, **5a** is achieved. Even when the drawers **5**, **5a** are completely extended, the region of overlap **7** closes off the concrete shuttering from below and thus prevents liquid concrete from penetrating between the extended drawers **5**, **5a** and setting there.

[0033] FIG. 6 shows a perspective view of the device **1** of FIG. 1, a section of which is illustrated. It is apparent from this view that the drawers **5**, **5a**, **5b** are provided with sealing elements **8a**, **8b**, **8c** which effect sealing relative to the shaft wall **100** (FIG. 1). For sealing element **8a**, **8b**, **8c** which are arranged offset are associated with drawers **5**, **5a**, **5b**, which sealing elements overlap the drawers **5**, **5a**, **5b** in each case. To this end, the sealing elements **8a**, **8b**, **8c** are arranged on the radially outer faces of the drawers **5**, **5a**, **5b**. Preferably, the sealing elements **8a**, **8b**, **8c** are screwed to the radially outer faces of the drawers **5**, **5a**, **5b**. By extending the drawers **5**, **5a**, **5b**, the sealing elements **8a**, **8b**, **8c** are pressed against the shaft wall **100** (FIG. 1). In this case, the sealing elements **8a**, **8b**, **8c** are trapped between the drawers **5**, **5a**, **5b** and the shaft wall **100** (FIG. 1) and thus seal the concrete shuttering against the emergence of liquid concrete. With the arrangement of the sealing elements **8a**, **8b**, **8c** on the radially outer faces of the drawers **5**, **5a**, **5b**, they follow the extension movement of the drawers **5**, **5a**, **5b** and adapt to the contour of the shaft wall **100** (FIG. 1). With the illustration of FIG. 6 it can be recognized that the sealing elements **8a**, **8b**, **8c** arranged offset to the drawers **5**, **5a**, **5b**, in the case of drawers **5**, **5a** which are extended to different distances, wind along the offset formed thereby and beyond the offset form an S-shaped curve, since the sealing elements **8a**, **8b**, **8c** extend beyond the region of overlap **7** of the drawers **5**, **5a**, **5b** over two adjacent drawers **5**, **5a**, **5b**. It is furthermore apparent from FIG. 6 that the sealing elements **8a**, **8b**, **8c** arranged on the drawers **5**, **5a**, **5b** are connected together and form a continuous seal ring **8** running around the entire supporting ring **3**. The material of the sealing elements **8a**, **8b**, **8c** is elastic and extensible, so accurate adaptation to the contour of the shaft wall **100** when the